



Department of Commerce

## Safety & Buildings Division

201 West Washington Avenue

P.O. Box 2658

Madison, WI 53701-2658

Evaluation #

200210-O Revised  
(Replaces 960018-O)

# Wisconsin Building Products Evaluation

Material

Protectone Acoustical  
Ceiling Panels and Tiles

Manufacturer

BPB America, Inc. / BPB Celotex  
5301 West Cypress Street, Suite 300  
Tampa, FL 33607-1766

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### SCOPE OF EVALUATION

The **Comm** requirements below are in accordance with the current Wisconsin Building And Heating, Ventilating And Air Conditioning Code:

- The Protectone acoustical ceiling panels and tiles manufactured by BPB Celotex was evaluated as an interior finish material in accordance with **s. Comm 51.07**.
- The Protectone acoustical ceiling panels and tiles were evaluated as a component in specific hourly-rated ceiling assemblies in accordance with **s. Comm 51.04**.

The **IBC** requirements below are in accordance with of the Wisconsin Amended ICC 2000 Code (effective 7/1/02):

- The Protectone acoustical ceiling panels and tiles manufactured by BPB Celotex was evaluated as an interior finish material in accordance with **ss. 803.1, 803.2, 803.3, and s. 803.4**,
- The Protectone acoustical ceiling panels and tiles were evaluated as components of an acoustical ceiling system in accordance with **ss. 803.8, 803.8.1, and 803.8.1.1**.
- The Protectone acoustical ceiling panels and tiles were evaluated as a component in specific hourly-rated ceiling assemblies in accordance with **s. 803.8.1.2**.

### **DESCRIPTION AND USE**

BPB Celotex Protectone acoustical ceiling panels and tiles come in nominal thickness of 5/8 inch and 3/4 inch. They are manufactured from mineral fibers bonded by organic and inorganic materials, and then heat cured. All Protectone panels, both molded and felted, have a density greater than one pound per square foot of surface. The materials are listed in the UL Building Materials Directory and the fire-resistive assemblies are listed in the UL Fire Resistance Directory. Materials that comply with the follow-up service requirements will bear a UL label with appropriate classification markings.

### **TESTS AND RESULTS**

ASTM E-84/UL 723 tests were performed on Protectone Type N products (Celotone) and Type D and G2 products (Hytone, Softone) by Underwriters Laboratories, Inc. All tests showed a flame spread rating of 25 or less, and a smoke development rating of 15 or less. ASTM E-119/UL 263 tests were also performed by Underwriters Laboratories, Inc. Hourly ratings were obtained for specific assemblies.

### **LIMITATIONS OF APPROVAL**

Protectone is approved as a Class A interior finish material in accordance with **s. Comm 51.07** in accordance with the current Wisconsin Building And Heating, Ventilating And Air Conditioning Code.

Protectone is approved as a Class A interior finish material in accordance with **s. 803.1** of the Wisconsin Amended ICC 2000 Code (**effective 7/1/02**).

Hourly fire resistance ratings apply only to the assembly in its entirety. Assemblies must be installed according to the specific UL design.

Installation and maintenance shall be in accordance with the manufacturer's specifications.

This approval will be valid through December 31, 2006, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Building Product Evaluation number must be provided when plans that include this product are submitted for review.

### **DISCLAIMER**

The department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement not specified in this document.

Revision Date: February 25, 2002

Approval Date: February 14, 2002      By: \_\_\_\_\_

Lee E. Finley, Jr.  
Product & Material Review  
Integrated Services Bureau